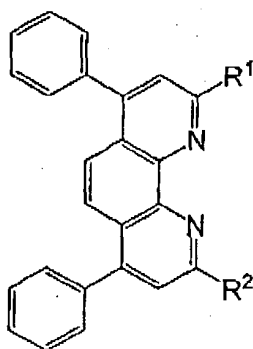


IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-10: Cancelled

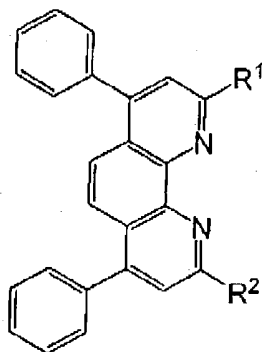
11. (Original) A bathophenanthroline compound of formula (I):



wherein  $R^1$  and  $R^2$  are derived from  $R^1$ -Li and  $R^2$ -Li respectively, and may be the same or different and independently represent a hydrocarbon group provided that at least one of  $R^1$  and  $R^2$  has at least two carbons; and wherein  $R^1$  and  $R^2$  are selected from the group consisting of an ethyl group, an n-propyl group, an isopropyl group, an n-pentyl group, an iso-pentyl group, a neopentyl group, a tert-pentyl group, a cyclopentyl group, a methylcyclopentyl group, a dimethylcyclopentyl group, a trimethylcyclopentyl group, a tetramethylcyclopentyl group, an n-hexyl group, a 2-ethylbutyl group, a 3,3-dimethylbutyl group, a cyclohexyl group, an n-cyclohexylmethyl group, an n,n-dimethylcyclohexyl group, an n,n,n-trimethylcyclohexyl group, a tert-octyl group, a 2-ethylheptyl group, an n-nonyl group, an n-decyl group, an n-dodecyl group, an n-tetradecyl group, an n-hexadecyl group, a benzyl group, a phenethyl group, an  $\alpha$ -methylbenzyl group, an  $\alpha,\alpha$ -dimethylbenzyl group, a 1-naphthylmethyl group, a 2-naphthylmethyl group, a furfuryl group, a 2-methylbenzyl group, a 3-methylbenzyl group, a 4-methylbenzyl group, a 4-ethylbenzyl group, a 4-isopropylbenzyl group, a 4-tert-butylbenzyl group, a 4-n-hexylbenzyl group, a 4-nonylbenzyl group, and a 3,4-dimethylbenzyl group.

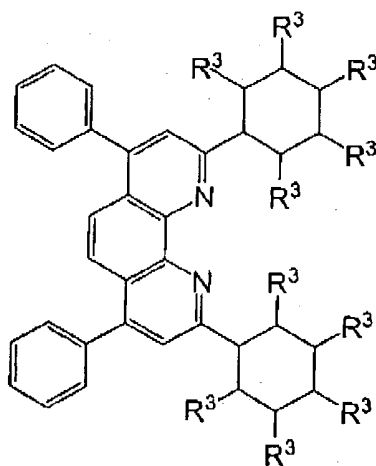
Claims 12-21: Canceled.

22. (New) A bathophenanthroline compound of formula (I):



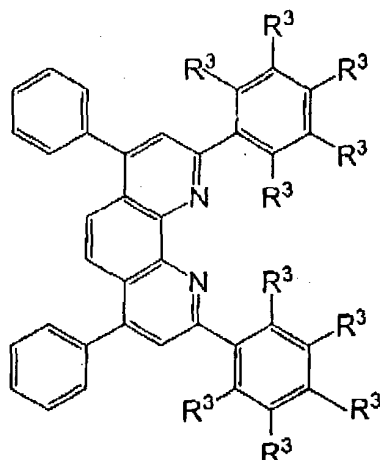
wherein  $R^1$  and  $R^2$  may be the same or different and are selected from the group consisting of n-butyl, sec-butyl, and tert-butyl.

22. (New) A bathophenanthroline compound of formula (II):



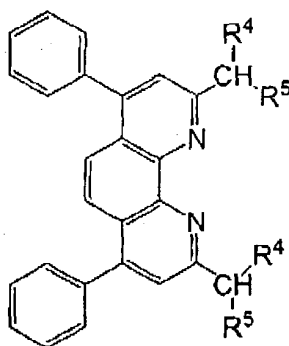
wherein the  $R^3$  groups may be the same or different and are selected from the group consisting of hydrogen, methyl, ethyl, propyl, cyclohexyl, phenyl.

23. (New) A bathophenanthroline compound of formula (III):



wherein the  $R^3$  groups may be the same or different and are selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, cyclohexyl, phenyl.

24. (New) A bathophenanthroline compound of formula (IV):



wherein  $R^4$  and  $R^5$  may be the same or different and are selected from the group consisting of hydrogen, methyl, cyclohexyl and naphthyl.